Fig. 1 IgE amino acid surface exposure using the Padlan and Davies 1986 model.

Residue	Surface Area	average/5	>50	>80	
ARG_1	270.322723				
ASP_2	139.374542				
PHE_3	64.298927	117.361489	1	1	
THR_4	46.170193	64.494911	1	0	
PRO_5	66.64106	39.0209532	0	0	
PRO_6	5.989833	29.3644934	0	0	
THR_7	12.004753	21.4426604	0	0	
VAL_8	16.016628	8.6200336	0	0	
LYS_9	6.561028	10.2708042	0	0	
ILE_10	2.527926	9.5044914	0	0	
LEU_11	14.243686	13.375776	0	0	
GLN_12	8.173189	19.2992118	0	0	
SER_13	35.373051	29.1890154	0	0	
SER_14	36.178207	32.6313328	0	0	
CYS_15	51.976944	39.0100884	0	0	
ASP_16	31.455273	45.6135238	0	0	
GLY_17	40.066967	50.0871888	1	0	
GLY_18	68.390228	46.9957994	0	0	
GLY_19	58.546532	59.6253914	1	0	P5
HIS_20	36.519997	63.4215874	1	0	P5
PHE_21	94.603233	68.1998406	1	0	P5
PRO_22	59.047947	65.8523506	1	0	P5
PRO_23	92.281494	62.0824146	1	0	P5
THR_24	46.809082	50.1635586	1	0	P5
ILE_25	17.670317	38.6392736	0	0	
GLN_26	35.008953	21.6261078	0	0	
LEU_27	1.426522	12.5259452	0	0	
LEU_28	7.215665	10.5518628	0	0	
CYS_29	1.308269	3.5500722	0	0	
LEU_30	7.799905	4.8164434	0	0	
VAL_31	0	4.0672202	0	0	
SER_32	7.758378	3.8055664	0	0	
GLY_33	3.469549	9.5755666	0	0	
TYR_34	0	20.7786542	0	0	
THR_35	36.649906	28.9967052	0	0	
PRO_36	56.015438	50.2230378	1	0	P6
GLY_37	48.848633	57.590085	1	0	P6
THR_38	109.601212	73.50021	1	0	P6
ILE_39	36.835236	70.1846368	1	0	P6
ASN_40	116.200531	73.2560022	1	0	P6
ILE_41	39.437572	51.7217026	1	0	P6
THR_42	64.20546	49.2710734	0	0	
TRP_43	1.929714	35.2314448	0	0	
LEU_44	24.58209	49.7665942	0	0	
GLU_45	46.002388	50.9119188	1	0	
ASP_46	112.113319	74.3084848	1	0	
GLY_47	69.932083	91.0816862	1	1	
GLN_48	118.912544	85.9516244	1	1	P1
VAL_49	108.448097	91.6210626	1	1	